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**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SMMR (SMALL MOLECULE METABOLITE REPORTERS) FOR USE AS *IN VIVO* GLUCOSE BIOSENSORS, the specification of which was first filed as PCT/US04/043087 on Dec. 23, 2004.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/532,667

Filing Date: 12/24/2003

Application No.: 60/571,170

Filing Date: 05/14/2004

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

**Priority**  
**Claimed**


None

**POWER OF ATTORNEY:** I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14<sup>th</sup> Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

---

Full name of first inventor: Emile M. Bellott

Inventor's signature 

Date June 9, 2007

Residence: 4 York Terrace, Beverly MA 01915

Citizenship: USA

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Declaration and Power of Attorney

---

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No. 20,995**

3842734  
060507

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Page 2 of 4

Attorney's Docket No. MLA.028NP

---

Full name of first inventor: Emile M. Bellott

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature Dongsheng BuDate June 13, 2007Residence: 4 Bay St., Piscataway, NJ 08854Citizenship: China

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Page 3 of 4

Attorney's Docket No. MLA.028NP

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Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Page 4 of 4

Attorney's Docket No. MLA.028NP

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Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

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Date \_\_\_\_\_

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Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature 

Date 10/16/07

Residence: 50 Meadow Rd, Bolton MA 01740

Citizenship: US

Mailing Address: Same as above

---

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

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Mailing Address: Same as above

Page 3 of 4

Attorney's Docket No. MLA.028NP

Full name of fourth inventor: Christopher Lambert

Inventor's signature

Date

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature

Date

Residence:

Citizenship:

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature

Date

Residence:

Citizenship:

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature

Date

Residence:

Citizenship:

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

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Date \_\_\_\_\_

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Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Niepaber

Inventor's signature Hubert A. Niepaber

Date 10/9/2007

Residence: 64 Garrison Road, Newburyport MA 01950

Citizenship: German

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

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Mailing Address: Same as above

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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

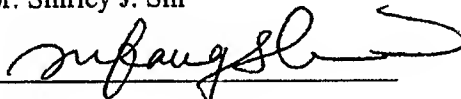
Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature 

Date 6/8/07

Residence: 3 piper Rd, Lexington MA 02421

Citizenship: USA

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

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Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

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Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

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Date \_\_\_\_\_

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Citizenship: \_\_\_\_\_

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Shao-his Wang      6/7/2007

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Date \_\_\_\_\_

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Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature Zhaolin Wang

Date 6/7/2007

Residence: 88 Kingsbury Street, Wellesley, MA 02481

Citizenship: U. S. A.

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Declaration and Power of Attorney

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Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No. 20,995**

3842734  
060507

---

**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SMMR (SMALL MOLECULE METABOLITE REPORTERS) FOR USE AS *IN VIVO* GLUCOSE BIOSENSORS, the specification of which was first filed as PCT/US04/043087 on Dec. 23, 2004.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/532,667

Filing Date: 12/24/2003

Application No.: 60/571,170

Filing Date: 05/14/2004

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority  
Claimed

None

**POWER OF ATTORNEY:** I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14<sup>th</sup> Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

---

Full name of first inventor: Emile M. Bellott

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature Jerome J. Workman

Date August 22, 2007

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Declaration and Power of Attorney

---

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Customer No. 20,995

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060507

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**DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SMMR (SMALL MOLECULE METABOLITE REPORTERS) FOR USE AS *IN VIVO* GLUCOSE BIOSENSORS, the specification of which was first filed as PCT/US04/043087 on Dec. 23, 2004.

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Application No.: 60/532,667

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PRIOR FOREIGN APPLICATION(S)

Priority  
Claimed

None

**POWER OF ATTORNEY:** I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14<sup>th</sup> Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995.**

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---

Full name of first inventor: Emile M. Bellott

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of second inventor: Dongsheng Bu

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of third inventor: Dr. James J. Childs

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of fourth inventor: Christopher Lambert

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 78 Manning Street, Hudson, MA 01749

Citizenship: U.K.

Mailing Address: Same as above

Full name of fifth inventor: Hubert A. Nienaber

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of sixth inventor: Shirley J. Shi

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of seventh inventor: Zhaolin Wang

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Mailing Address: Same as above

Full name of eighth inventor: Jerome J. Workman

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 3305 Ambassador Drive, Madison, WI 53718

Citizenship: U.S.A.

Mailing Address: Same as above

Full name of ninth inventor: Alex R. Zelenchuk

Inventor's signature Alex R. Zelenchuk

Date 06/08/07

Residence: 15 Orangerood Dr. Stoughton, MA, 02072

Citizenship: U. S. A.

Mailing Address: Same as above

Declaration and Power of Attorney

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